

SECTION I

NM 17/01

Chart 11490 (Upper Panel)

NM 17/01

ST. JOHNS RIVER CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF DEC 2000 AND SURVEYS TO NOV 2000								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
ST. JOHNS BAR CUT RANGE, EAST SECTION	37.6	38.0	41.1	36.0	11-00	800	2.1	42
ST. JOHNS BAR CUT RANGE, WEST SECTION	32.6	37.5	37.1	31.9	11-00	800	1.5	38
PILOT TOWN CUT RANGE	26.0	39.0	39.1	35.7	11-00	950	1.0	38

NOTES-(1) THE RANGE LIGHTS DO NOT IN EVERY INSTANCE MARK THE CENTERLINE OF THE CHANNEL.  
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11491 (Side A)

NM 17/01

ST. JOHNS RIVER CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF DEC 2000 AND SURVEYS TO NOV 2000								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
ST. JOHNS BAR CUT RANGE, EAST SECTION	37.6	38.0	41.1	36.0	11-00	800	2.1	42
ST. JOHNS BAR CUT RANGE, WEST SECTION	32.6	37.5	37.1	31.9	11-00	800	1.5	38
PILOT TOWN CUT RANGE	26.0	39.0	39.1	35.7	11-00	950	1.0	38
MAYPORT CUT RANGE	37.5	39.1	39.2	36.4	11-00	1050	0.7	38
SHERMAN CUT RANGE	38.4	39.9	38.7	33.4	11-00	950-650	0.5	38
MILE POINT LOWER RANGE AND TURN	38.2	37.6	35.9	28.4	11-00	650	0.9	38
TRAINING WALL REACH	38.3	37.9	38.3	35.8	11-00	650-500	1.1	38
SHORT CUT TURN	34.4	40.0	41.3	40.7	11-00	600	0.4	38
WHITE SHELLS CUT RANGE	34.5	37.5	38.9	40.4	11-00	580-1280	0.7	38
ST. JOHNS BLUFF REACH	36.4	37.3	36.5	34.5	11-00	1200-1100	0.6	38
DAMES PT.-FULTON CUTOFF	30.9	34.2	35.3	34.5	2,11-00	1280-500	2.7	38
DAMES PT. TURN	31.7	38.3	37.8	27.0	2-00	900-1200	0.4	38
QUARANTINE I. UPPER RANGE	35.2	38.6	39.1	34.9	2-00	1000-650	0.7	38
BRILLS CUT RANGE	36.8	37.9	38.2	34.3	2-00	550-450	0.8	38
BROWARD POINT TURN	21.9	38.4	37.8	37.7	2-00	625-850	1.0	38
BLOUNT ISLAND CHANNEL	22.6	28.3	29.3	26.9	11-00	300-800	1.7	30

NOTE: THE RANGE LIGHTS DO NOT IN EVERY INSTANCE MARK THE CENTERLINE OF THE CHANNEL.  
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11491 (Side B)

NM 17/01

ST. JOHNS RIVER CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JAN 2001 AND SURVEYS TO DEC 2000								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
QUARANTINE I. UPPER RANGE	35.2	38.6	39.1	34.9	2-00	1000-550	0.7	38
BRILLS CUT RANGE	36.8	37.9	38.2	34.3	2-00	550-450	0.8	38
BROWARD POINT TURN	21.9	38.4	37.8	37.7	2-00	625-850	1.0	38
DRUMMOND CREEK RANGE	37.6	38.5	37.9	32.1	2-00	650-400	1.5	38
TROUT RIVER CUT RANGE	35.2	37.7	40.2	37.2	2-00	400-500	1.0	38
CHASEVILLE TURN	33.5	38.5	37.9	36.2	2-00	500-700	0.6	38
LONG BRANCH RANGE	35.6	37.7	40.5	36.7	2-00	650-2000	0.7	38
TERMINAL CHANNEL	26.1	30.2	31.5	28.1	2,12-00	575-1025	3.0	34-38

NOTE: THE RANGE LIGHTS DO NOT IN EVERY INSTANCE MARK THE CENTERLINE OF THE CHANNEL.  
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

SECTION I

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Chart 11503

NM 17/01

FERNANDINA HARBOR			
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF FEB 2001 AND SURVEYS TO NOV 2000			
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)			
NAME OF CHANNEL	DEPTH MLLW (FEET)	WIDTH (FEET)	DATE OF SURVEY
QUARANTINE REACH	35.8	400-1100	11-00
OLD TOWN REACH	35.9	400-560	11-00
SEABOARD REACH	35.9	400	11-00
CITY FRONT REACH	22.1	300	10-99
RAYONIER REACH	8.0	300	10-99

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGING CONDITIONS SUBSEQUENT TO THE ABOVE

Chart 11506

NM 17/01

BRUNSWICK HARBOR CHANNEL DEPTHS							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JAN 2001							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
BAR CHANNEL (ST SIMON RANGE)	27.0	31.0	27.5	10-00, 1-01	500	7.7	32
PLANTATION CREEK RANGE	44.0	41.0	39.0	1-01	400	1.8	32
JEKYLL ISLAND RANGE	32.0	32.0	31.0	1-01	400	1.9	30
CEDAR HAMMOCK RANGE	29.5	30.5	29.5	1-01	400	1.4	30
BRUNSWICK PT CUT RANGE	27.0	27.0	27.0	1-01	400	2.4	30
EAST RIVER LOWER REACH	30.0	29.0	25.5	1-01	400	1.1	30
EAST RIVER UPPER REACH	26.0	27.5	26.0	1-01	350	1.0	27
EAST RIVER TURNING BASIN	28.0	29.0	29.0	1-01	750	0.2	30
ACADEMY CREEK	9.5	9.5	11.9	3-89	150	0.8	24
TURTLE RIVER LOWER RANGE	33.5	30.0	30.0	1-01	300	1.7	30
BLYTHE ISLAND RANGE	30.5	26.0	24.5	1-01	300	1.5	30
TURTLE RIVER UPPER RANGE	27.0	28.0	26.0	1-01	300	2.7	30
SOUTH BRUNSWICK RIVER	30.0	31.0	30.0	1-01	400	1.3	30

A. OBSTRUCTION REPORTED WITH A DEPTH OF 29 FEET, LOCATED AT 31°04'06.8"N; 081°16'35.7"W.  
 B. THE EAST RIVER, LOWER REACH WIDENER LEAST DEPTHS WERE 26 FEET, LOCATED 50 FEET INSIDE THE CHANNEL LIMIT, AND 29 FEET, LOCATED 150 FEET INSIDE THE CHANNEL LIMIT FROM THE LEFT SIDE.  
 NOTE - FOR THE LEFT OUTSIDE AND RIGHT OUTSIDE QUARTERS, DEPTHS GIVEN REPRESENT CONDITIONS 50 FEET INSIDE THE CHANNEL LIMITS. (EXCEPT FOR THE EAST RIVER TURNING BASIN AND ACADEMY CREEK)  
 NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 12224

NM 17/01

CAPE CHARLES CITY HARBOR							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO FEB 2000							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
BAR CHANNEL	11.3	12.1	17.6	2-00	A500	0.66	18
CAPE CHARLES HARBOR CHANNEL	12.9	16.9	17.9	1,2-00	A500-1000	1.70	18
HARBOR BASIN	14.4	15.3	15.3	1-00	1000-400	0.49	18
MUD CREEK	87.6	8.9	9.8	1-00	100-180	0.11	10
HARBOR OF REFUGE	6.4	6.9	6.2	1-00	200-250	0.13	7

A. CHANNEL MAINTAINED TO A WIDTH OF 300 FEET FOR BAR CHANNEL AND 300-1000 FEET FOR CAPE CHARLES HARBOR CHANNEL.  
 B. 4.1 FOOT SHOAL AT NORTHEAST CORNER.  
 NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

SECTION I

NM 17/01

Chart 14833

NM 17/01

BUFFALO HARBOR CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF FEB 2001 AND SURVEYS TO NOV 2000								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT GREAT LAKES LOW WATER DATUM (LWD)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH LWD (FEET)
<b>BUFFALO HARBOR:</b>								
SOUTH ENTRANCE INNER CHANNEL	25.7	27.5	25.9	23.2	10,12-99	400-1200	.37	29
OUTER HARBOR SOUTHERN CHANNEL	14.9	25.1	24.8	23.9	10,12-99	1130-1425	.76	28
OUTER HARBOR TURNING BASIN	18.8	19.5	20.0	19.9	1,10,12-99	900	.80	23
OUTER HARBOR MIDDLE CHANNEL	20.9	23.5	23.8	21.0	1,10,12-99	500-1600	2.12	27
OUTER HARBOR NORTHERN CHANNEL	18.3	21.6	22.1	20.7	1,10,12-99	1175-1350	.91	23
<b>BUFFALO RIVER:</b>								
ENTRANCE CHANNEL	A17.5	B18.8	C18.1	15.2	6-99,11-00	220-1625	.98	23
BUFFALO RIVER	D8.1	11.4	E11.6	F8.4	6-99,11-00	100-700	5.27	23
BUFFALO SHIP CANAL	G14.6	15.5	15.3	H9.6	11-00	125	1.02	23
<b>BLACK ROCK CANAL:</b>								
ENTRANCE CHANNEL	19.1	21.1	18.8	I15.7	4,10-99	450-1000	.80	21
BLACK ROCK CANAL TO LOCK	14.1	19.0	19.1	8.1	4,10-99	200-350	3.05	21
A. SHOALING TO 8.9 FEET IN OUTSIDE 50 FEET OF QUARTER FROM 42°52'40.7"N-78°52'52.7"W TO 42°52'30.3"N-78°52'42.9"W B. SHOALING TO 10.9 FEET WITHIN 50 FEET OF END OF REACH. C. SHOALING TO 13.0 FEET WITHIN 50 FEET OF END OF REACH. D. SHOALING TO 4.3 FEET WITHIN 100 FEET OF END OF REACH. E. SHOALING TO 3.5 FEET WITHIN 100 FEET OF EITHER SIDE OF RAILROAD BRIDGE AT 42°51'36.2"N - 78°50'55.6"W. SHOALING TO 8.4 FEET WITHIN 100 FEET OF END OF REACH. F. SHOALING TO 3.3 FEET WITHIN 100 FEET OF EITHER SIDE OF RAILROAD BRIDGE AT 42°51'46.2"N - 78°51'13.1"W. SHOALING TO 6.3 FEET AT 42°51'38.9"N-78°50'42.5"W G. SHOALING TO 9.7 FEET AT 42°52'27.6"N-78°52'48.7"W H. SHOALING TO 7.1 FEET WITHIN 100 FEET OF END OF REACH. I. SHOALING TO 7.7 FEET IN OUTSIDE 50 FEET OF QUARTER. NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								